

CEN-Led Harmonization of Defense Standards in Europe

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Main points:

- **History**
- **Cooperation initiatives**
- **European Commission study**
- **Handbook for Defense Procurement**
- **CEN BT WG 125, WS 10**
- **Harmonization of defense standards**
- **8 + 8 expert groups**

Interoperability

- **In theory: Standardization promotes interoperability**
- **In practice: An abundance within a nation hinders the overall interoperability goals**

Protectionism vs. Consolidation/Cooperation

Earlier:

- **Industrial protectionism**
- **Military (strategical) protectionism**

Now:

- **Industrial consolidation**
- **Initiatives: WEAG (19), OCCAR (6), "The" LOI (6), EDA (24)**

European Commission (EC) Study regarding the European defense industry

- **Standardization key issue**
- **University of Sussex-led study "on the Standardization Systems in the Defence Industries in the EU Member States and the USA". ("The Sussex Study")**

Highlights of the EC study:

- **Vision**

**Goal: Common European market for
defense materiel and services**

**Means: Reforming EU defense
standardization systems**

- **Action plan**

- **Identify current practices in
procurement and standardization**
- **Perform a selection of standards**
- **Inform about and promote best
practices**

Highlights of the EC study (cont.)

- **Compatibility**

The reform should be compatible with civil organizations, NATO and the US defense standardization reform, the so called Perry reform from 1994

European Commission Seminar Nov. 2000

- Seminar called "European Defence Procurement in the 21st Century: Improving Efficiency and Enhancing Competitiveness - The role of Standardization"
- The European Commission (EC) tasked the European Committee for Standardization (Comité Européen de Normalisation) (CEN) to harmonize the defense related standards used in Europe.

CEN BT WG 125 and WS 10

- **Planning meeting March 2001 with EC, CEN and defense standardization officers mostly from the six LOI nations**
- **September 2001 first meeting with WG 125**
- **To develop a handbook for standards in defense procurement, as proposed in the Essex Study, was decided**
- **May 2002 "Kick Off" for WS10. (French) chairman from industry and Swedish vice chairman from the MoD**

Initial (part of the the) handbook

- Current processes and structures for national defense **procurement**
- Current processes and structures for national defense **standardization**
- A list of the participating nations' **national** defense standards

Streamlining/harmonization

- **To select the most relevant and widely used standards**
- **To develop recommendations on which standards to use**

The first part of the expert group phase

- **In 2004 the first set of eight technical areas were agreed**
- **112 experts from twelve countries from authorities and industry**
- **Met in 2004 and early 2005**
- **All appropriate standards considered, including civil standards and NATO STANAGs**

The first eight areas

- **Batteries**
- **Electrical interfaces**
- **Electromagnetic environment**
- **Energetic materials**
- **Environmental engineering**
- **Fuels and lubricants**
- **Nuclear, biological and chemical detectors**
- **Packaging**

Second part of the expert group phase (eight additional areas) with start

- **Ammunition**
- **summer of 2006**
- **Armored ground vehicle technologies**
- **Fluid handling systems**
- **Integrated logistics (life extension etc.)**
- **Life-cycle management (technical documentation)**
- **Paints and coatings**
- **Portable power supplies**
- **Terminology**

”European Handbook for Defence Procurement”(EHDP)

Version 1.1 available on:

<http://www.defense-handbook.org>

Any questions?

Thank you!